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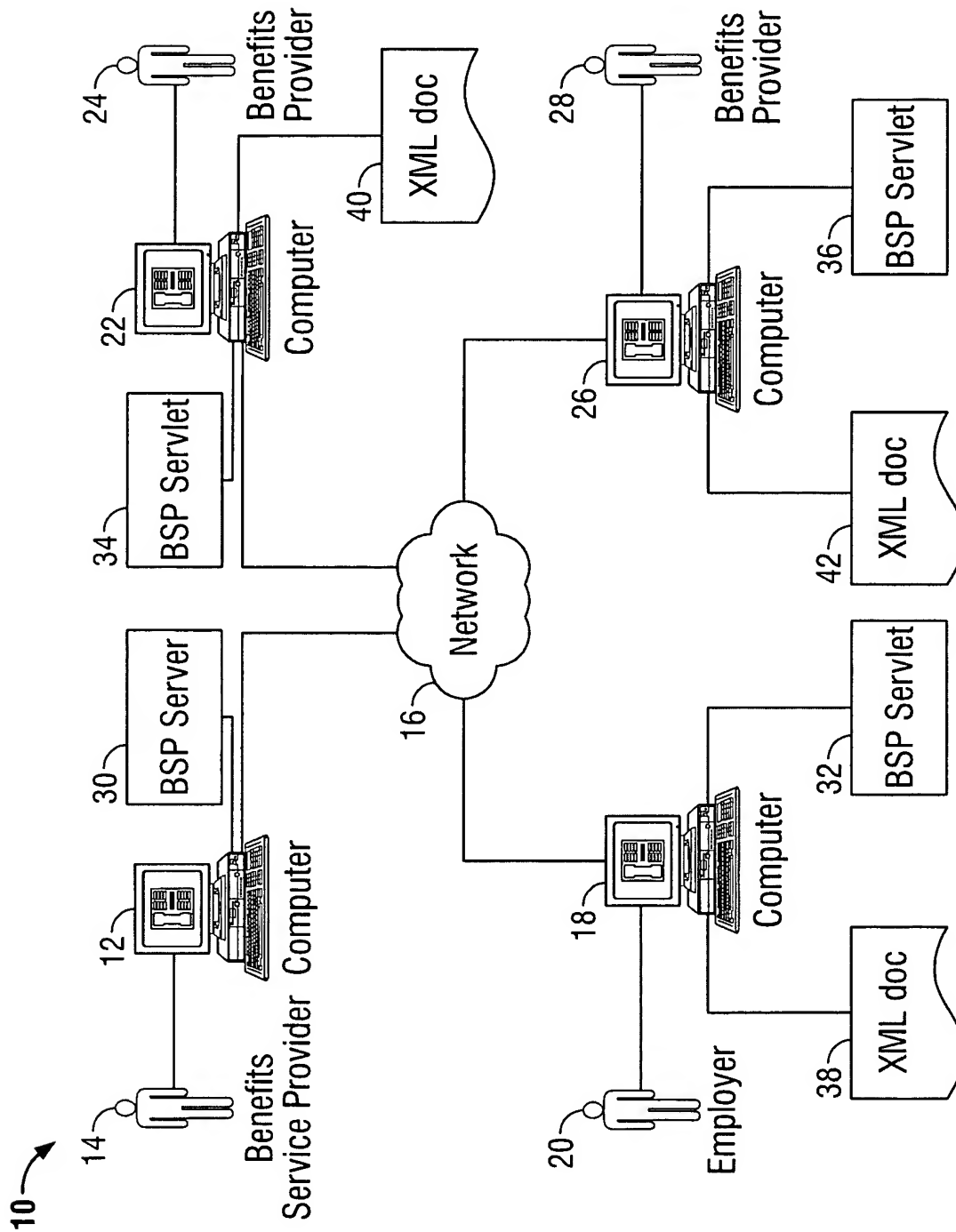


FIG. 1

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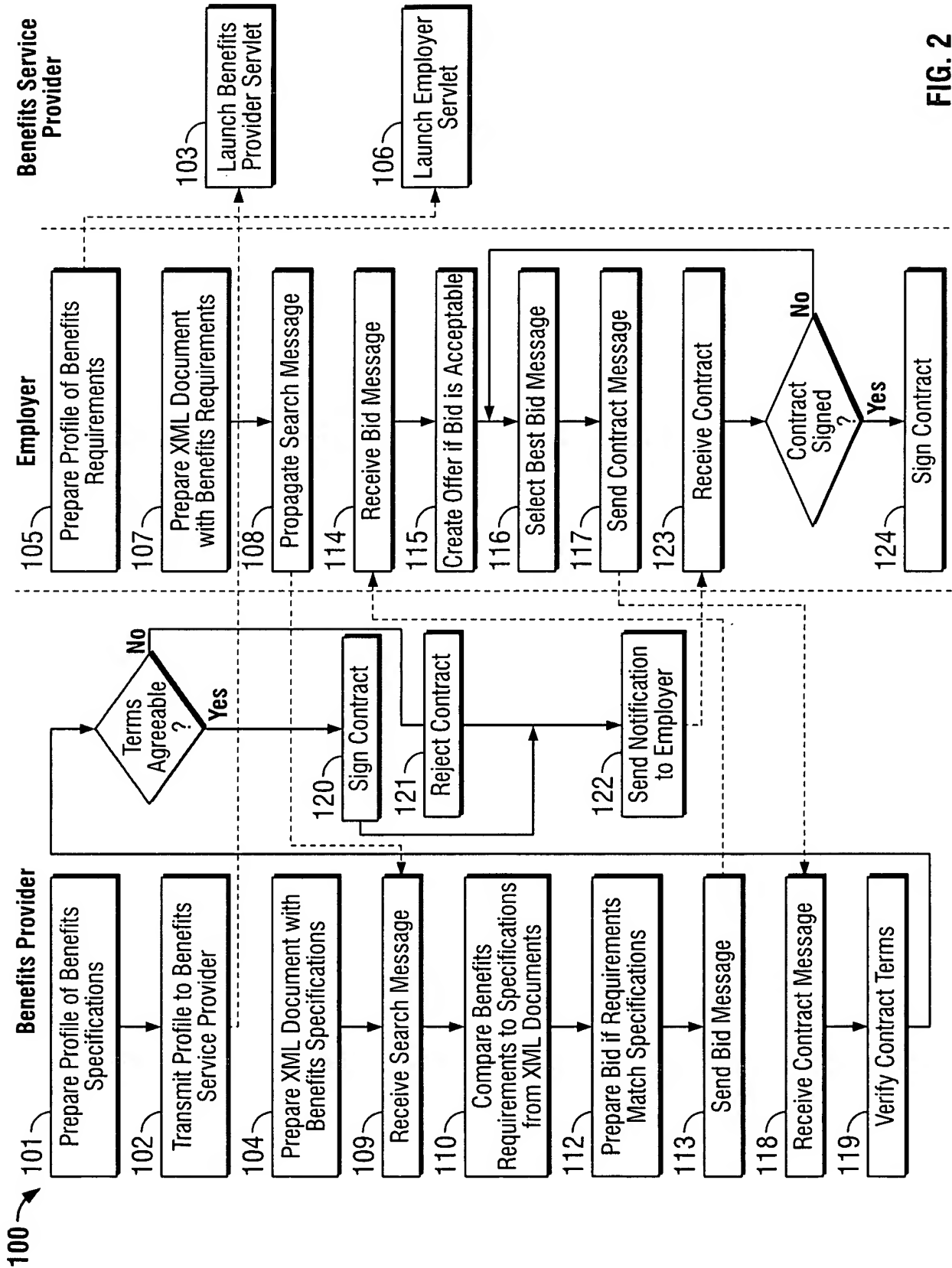


FIG. 2

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```
<?xml version="1.0" encoding="UTF-8"?>
<BuyerResourceDoc>
  <Network> Marketplace
    <CpuSpeed>1.4</CpuSpeed>
    <Memory>256</Memory>
    <HardDisk>40</HardDisk>
    <OperatingSystem>Linux</OperatingSystem>
    <Task>JAVA</Task>
    <LeaseTime>20</LeaseTime>
    <Compensation>100</Compensation>
    <PerformFact>1.0</PerformFact>
  </Network>
  <ServiceAgreement> Standard
    <Description>
      As many transactions for as little money as possible
    </Description>
    <PricePerTransaction>10.00</PricePerTransaction>
    <Penalty>10.00</Penalty>
  </ServiceAgreement>
  <BenefitsServiceDocument>
    <Initiator>
      <Name>Mutual Life</Name>
      <Address>...</Address>
    </Initiator>
    <BenefitsService>
      <EnrollmentData> include X12.834 </EnrollmentData>
      <SpecialRules> 401k rules ... </SpecialRules>
      <PlanCosts> ... </PlanCosts>
    </BenefitsService>
    <MatchingRules>
      ...
    </MatchingRules>
  </BenefitsServiceDocument>
</BuyerResourceDoc>
```

FIG. 3

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```
<soap-env:Envelope
xmlns:soap-env="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:Marketplace="http://SAP/Marketplace">
  <soap-env:Header>
    <Marketplace:UniqueID>Maula</Marketplace:UniqueID>
    <Marketplace:purpose>search</Marketplace:purpose>
    <Marketplace:NodesDepth>3</Marketplace:NodesDepth>
  </soap-env:Header>
  <soap-env:Body>
    ...Network...
    <Marketplace:UniqueID>MyID</Marketplace:UniqueID>
    <Marketplace:CpuSpeed>1.4</Marketplace:CpuSpeed>
    <Marketplace:Memory>256.0</Marketplace:Memory>
    <Marketplace:HardDisk>10.0</Marketplace:HardDisk>
    <Marketplace:OperatingSystem>Linux</Marketplace:OperatingSystem>
    <Marketplace:Task>java</Marketplace:Task>
    ...ServiceAgreement...
    ...BenefitsServiceDocument...
  </soap-env:Body>
</soap-env:Envelope>
```

FIG. 4

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```
<soap-env:Envelope
xmlns:soap-env="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:Marketplace="http://SAP/Marketplace">
<soap-env:Header>
<Marketplace:purpose> MatchMessage </Marketplace:purpose>
<Marketplace:UniqueID> MyMatch </Marketplace:UniqueID>
</soap-env:Header>
<soap-env:Body>
...Network...
<Marketplace:CpuSpeed> 1.6 </Marketplace:CpuSpeed>
<Marketplace:Memory> 512.0 </Marketplace:Memory>
<Marketplace:HardDisk> 40.0 </Marketplace:HardDisk>
<Marketplace:OperatingSystem> Linux </Marketplace:OperatingSystem>
<Marketplace:Compensation> 100 </Marketplace:Compensation>
<Marketplace:LeaseTime> 5 </Marketplace:LeaseTime>
...ServiceAgreement...

...BenefitsServiceDocument...

</soap-env:Body>
</soap-env:Envelope>
```

FIG. 5

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```
<soap-env:Envelope
xmlns:soap-env="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:Marketplace="http://SAP/Marketplace">
  <soap-env:Header>
    <Marketplace:purpose> MatchMessage </Marketplace:purpose>
    <Marketplace:UniqueID> MyMatch </Marketplace:UniqueID>
  </soap-env:Header>
  <soap-env:Body>
    ...Network...
    <Marketplace:CpuSpeed> 1.6 </Marketplace:CpuSpeed>
    <Marketplace:Memory> 512.0 </Marketplace:Memory>
    <Marketplace:HardDisk> 40.0 </Marketplace:HardDisk>
    <Marketplace:OperatingSystem> Linux </Marketplace:OperatingSystem>
    <Marketplace:Price> 1.2 </Marketplace:Price>
    <Marketplace:Compensation> 100 </Marketplace:Compensation>
    <Marketplace:LeaseTime> 5 </Marketplace:LeaseTime>
    ...ServiceAgreement...
    ...BenefitsServiceDocument...
  </soap-env:Body>
</soap-env:Envelope>
```

FIG. 6